JAVA.IO.PUSHBACKREADER CLASS

Introduction

The **java.util.PushbackReader** class is a character-stream reader that allows characters to be pushed back into the stream.

Class declaration

Following is the declaration for **java.util.PushbackReader** class:

```
public class PushbackReader
    extends FilterReader
```

Field

Following are the fields for **java.util.PushbackReader** class:

- **protected Reader in** -- This is the character-input stream.

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	**PushbackReader(Reader in)** This creates a new pushback reader with a one-character pushback buffer.
2	**PushbackReader(Reader in, int size)** This creates a new pushback reader with a pushback buffer of the given size.

Class methods

S.N.	Method & Description
1	void close() This method closes the stream and releases any system resources associated with it.
2	void mark(int readAheadLimit) This method marks the present position in the stream.
3	boolean markSupported() This method tells whether this stream supports the mark() operation, which it does not.
4	int read() This method reads a single character.
5	int read(char[] cbuf, int off, int len)

	This method reads characters into a portion of an array.	
6	boolean ready() This method tells whether this stream is ready to be read.	
7	void reset() This method resets the stream.	
8	long skip(long n) This method skips characters.	
9	void unread(char[] cbuf) This method pushes back an array of characters by copying it to the front of the pushback buffer.	
10	void unread(char[] cbuf, int off, int len) This method pushes back a portion of an array of characters by copying it to the front of the pushback buffer.	
11	void unread(int c) This method pushes back a single character by copying it to the front of the pushback buffer.	

Methods inherited

This class inherits methods from the following classes:

- java.util.Reader

- java.util.Object